CAPITAL DISTRICT TIMEX/SINCLAIR COMPUTER CLUB

ALBANY, NEW YORK JUNE 1990

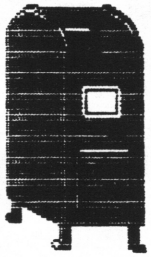
⇨ NEXT MEETING ⇦

TUE.	WED.	THU.
15 MAY 1990	20 JUNE 1990	19 JULY 1990

CLUB PRES.
FRED LEWIS
(518)399-5038

TREASURER
RON BARNARD
(518)869 5918

NEWS LETTER
(518)465-7939



MAIL ANY INFORMATION YOU WANT TO BE INCLUDED IN THE NEWS LETTER TO:

JACK BARONE
141 ONTARIO ST.
ALBANY, N.Y.
12206

ANY TYPE INFORMATION, PROGRAMS, HINTS, TECHNICAL INFORMATION OR ANYTHING OF INTEREST THAT YOU WANT TO SEND IN SHOULD BE TYPED. IF YOU SEND IN FREE HAND DRAWINGS I WILL TRY TO REPRODUCE THEM FOR THE NEWS LETTER. ANY COMMENTS ON IMPROVING THE LETTER WILL BE APPRECIATED.

THE INFORMATION IN THIS NEWSLETTER MAY BE REPRODUCED UNLESS OTHERWISE NOTED. FEEL FREE TO WRITE TO US FOR MORE INFORMATION

OUR CLUB MEETINGS ARE HELD AT THE CAPITAL DISTRICT PSYCHIATRIC CENTER ROOM 37. THE CENTER IS AT 75 NEW SCOTLAND AVENUE NEXT DOOR TO THE ALBANY MEDICAL CENTER. ALL USERS OF ANY TIMEX/SINCLAIR COMPUTER EQUIPMENT ARE WELCOME.

OUR NEWSLETTER IS PRINTED ONCE A MONTH AND MAILED TO OUR MEMBERS AND CLUBS. DUES ARE $6.00 A YEAR. CONTACT FRED LEWIS OR JACK BARONE FOR MORE INFORMATION.

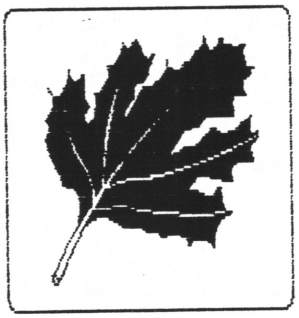
CLUB NEWS

Fred Lewis gave a demonstration on graphics reproduction using Barnsey fractal image compression. The meeting was well attended and we hope to see everyone this month. I received a postcard from the Washington, D.C. club(C.A.T.S.) concerning the rotating globe VCR tape. The Washington club will reveiw the tape during its June meeting and send us a reveiw. In the meantime the tape has been sent to the Pittsburgh club(PACC).
The June issue of Computer Shopper has a good reveiw of the Z88 portable Sinclair computer if anyone is interested in buying one. I have included the listing for the newsletters up to the present and hope to keep a running up date from now on.

IMPORTANT DATES IN JUNE

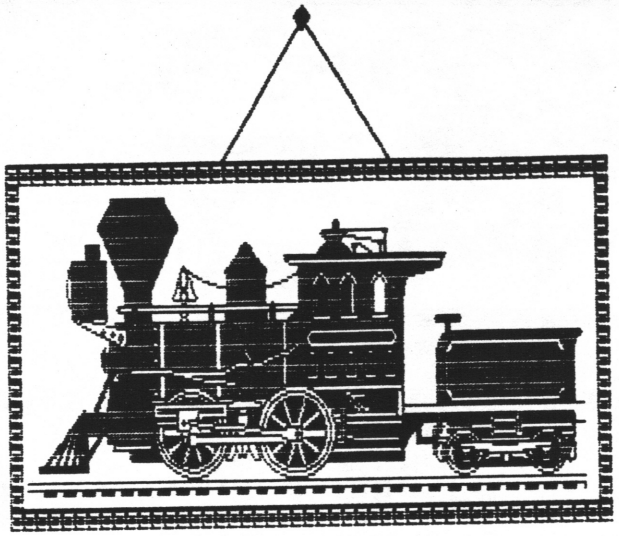
5/3/1808	JEFFERSON DAVIS IS BORN.
5/6/1944	D-DAY IN EUROPE
5/14	FLAG DAY
5/17	FATHERS DAY
5/25/1541	MISSISSIPPI RIVER DISCOVERED
5/28/1919	VERSAILLES TREATY SIGNED

PETER HYMAN HAS A HINT FOR AN AUTOSTART PROGRAM FOR LARKIN DISK INTERFACE USERS. THE INFO IS ON THE ATTACHED SHEET.



MC68000 MACHINE CODE (CONTINUDE)

This month we will cover shift and rotate operations. ASL and ASR are arthmetic shifts. LSL and LSR are logic shifts. ROR and ROL are rotate instructions. ROXR and ROXL are rotate instructions with extend. All shifts and rotates can be preformed in either registers or memory. Register shifts and rotates support all operand sizes and allow a shift count specified in a data register. Memory shifts and rotates are for word operands and provide single-bit shifts and rotates.



SEE
YOU
ALL
AT
THE
NEXT
MEETING

THE FOLLOWING IS AN EXTRACT FROM PETER HYMANS LETTER.

THIS IS AN AUTOSTART HINT FOR LARKIN USERS.

AN AUTOSTART FILE FOR THE LK DOS IS TRIGGERED UPON BOOT UP BY HOLDING DOWN THE ENTER KEY WHEN TURNING ON THE COMPUTER AND DISK DRIVE. THE AUTOSTART SHOULD NOT BE MORE THAN 1 BLOCK, 1 TRACK LONG.
WHEN I FIRST TRIED TO MAKE MY OWN AUTOSTART FILE I GOT A DISK FULL ERROR. LARKEN SAYS TO CLEAR RAMTOP TO WITHIN 150 TO 200 BYTES, FREE, SO THAT PRINT FREE YIELDS 150 TO 200 BYTES. WITH THAT I MODIFIED THE MENU.B1 FILE. BUT EACH TIME I CREATED IT I FOUND THAT IT TOOK UP 2 BLOCKS INSTEAD OF 1.

HERE IS A GOOD METHOD FOR CREATING AUTOSTART FILE ON LK DOS DISK SYSTEMS.

1. TURN ON THE SYSTEM, WITH OUT PRESSING ANY KEYS, AND INSERT THE DISK YOU WANT TO MAKE INTO AN AUTOSTART DISK.
2. START UP LK DOS AS USUAL WITH THE:

```
RADOMIZE USR 100:,"dd",
```

THEN TYPE THIS PROGRAM. I USED 'MENU.B1' BUT YOU COULD MAKE THIS ANY FILE YOU WANT. FOR EXAMPLE 'TASWO.B1' SO THAT TASWORD WOULD COME UP AUTOMATICALLY.

```
10 RANDOMIZE USR 100:OPEN #4,"dd",
20 BORDER 1:PAPER1:INK 7:CLS
30 CLEAR 65367
40 PRINT #4:LOAD "MENU.B1"
```

3. AT THIS POINT WE WILL CREATE THE AUTOSTART, AS PER THE INSTRUCTIONS. IN DIRECT MODE TYPE THE FOLLOWING:

```
PRINT 65536 FREE        (this equals 26839.)
```

(this might be different than yours , but, thats ok)
4. ADD 150 TO WHATEVER THE NUMBER WAS. IF IT WAS 26839, THEN 26990 IS WHAT WE'LL USE IN THE NEXT DIRECT STATEMENT.

```
CLEAR 26990
PRINT FREE      (this sould give us 169 bytes free.)
RANDOMIZE USR 102:RUN:GOTO 10
```

THE TIMEX WILL 'DING DONG' AND APPEAR TO BE HUNG UP, BUT, PRESS D OR d.
THE COMPUTER DISK DRIVE SHOULD SPIN FOR A FEW SECONDS, THEN THE PROGRAM YOU PLACED INTO LINE 40 OF THE ABOVE PROGRAM SHOULD BEGIN TO RUN.

NOW, IF YOU DO A 'CAT"", YOU'LL SEE THAT THE AUTOSTART TAKES UP ONE(1) BLOCK.

JAN. 90
HACKER
1. VIRUS PROGRAM(IBM)
2. NEW SINCLAIR LAPTOP
3. REVEIW - MAXCOMM
4. PROGRAM
   A. CUBE-IT(WORD SEARCH)

CATS
1. BBS NEWS
2. REVEIW
   A. PROFESSIONAL PUBLISHER (QL)
   B. QL PASCAL(COMPILIER)
3. QL SPEED UP
4. STATISICAL FUNCTIONS(QL DB)
5. QL KEYBOARD MATRIX CHART

PACC
1. IBM PC INFORMATION

SMUG JAN-FEB
1. IBM EMULATION (QL)
2. SNUG LETTER
3. NEWS FROM ENGLAND (QL)

ISTUG(INDIANA)
1. PARALLEL PRINTER CABLE FOR WAFER DRIVE
2. 12V MODIFICATION FOR T/S2068
3. MAKING PROGRAM LENGTH CASSETTES TAPES
4. DESKTOP PUBLISHING FOR T/S2068

FEB. 1990
CATS
1. QL QUILL NOTES
2. PROGRAM
   A. FEDERAL INCOME TAX T/S2068
3. BBS NEWS

HACHER
1. MORE VIRUS PROGRAMS(IBM)
2. BBS NEWS

PACC
1. CP/M NOTES

SMUG
1. COMPOSITE VIDEO FOR T/S 2068
2. PROGRAM
   A. CHECKBOOK-BUDGET MANAGER T/S2068 PART 1 OF 3

LIST (LONG ISLAND N.Y.)
1. LIST OF 118 PROGRAMS FOR T/S2068 ON CLUBS TAPE #9
2. PROGRAMS ZX81
   A. BETTA BASIC
   B. PLANETS
   C. HEX-BIN CONVERTER

MARCH 90
SINCUS
1. PROGRAM
   A. GRADE SIX MATH
   B. TEXT WRITER

HACKER
1. BBS NEWS
2. FIX TO USE NX1000 PRINTER WITH T/S2068 AERCO CENT. IF

HACKER(CONT)
3. PROGRAMS(T/S1000)
   A. DRAW TIMEX
   B. TEAM BATTING AVERAGE
   C. GRAPHIC FANTASY

CATS
1. BBS NEWS
2. PROGRAMS
   A. BONDS T/S2068
   B. GENERATE CYCLOIDS QL
3. ON OFF SWITCH FOR QL

VISTA
1. POKES FOR T/S1000
2. T/S1000-ZX81 SCHEMATIC

CRAGIST(IOWA)
1. PROGRAM TO READ MSDOS ON ZX81 WITH AERCO DISK DRIVE SYSTEM
2. FIX FOR LARKEN ZX81 DISK DRIVE
3. PROGRAM TO PRINT DISK CAT DOWN ONE SIDE OF PAPER (AERCO)

SMUG
1. CONTINUATION OF CHECKBOOK PROGRAM

APRIL
BOSTON
1. PROGRAM
   A. SET DATE IN MILITARY/EUROPE FORMAT (QL)
   B. PRINT DIRECTORIES IN COLUMN FORMAT (QL)
   C. ALTKEY BOOT-LIST ALTKEY ASSIGNMENTS WHILE PROGRAM LOADS

CATS
1. "C" INFORMATION
2. SURGE SUPPRESSOR FOR ZX81,2068
3. CUSTOMISING QL ERROR MESSAGES

SMUG
1. FINAL LISTING OF CHECKBOOK PROGRAM
2. CORRECTION TO DIGITIZER BOARD

ISUG
1. DESKTOP JOURNAL (T/S2068)
2. PROGRAMS (T/S2068)
   A. GENERATE ICONS
   B. MEDICARE INCOME TAX
   C. ROTRONICS WAFER COPY COMMAND FOR EPSON PRINTERS

LIST
1. SIMPLE EPROM PROGRAMMER T/S1000
2. PROGRAMS
   A. PARTS DATA BASE
   B. LARKIN DISK DRIVE MENU LOADER

1ST QUARTER RAMTOP (CLEVELAND)
1. PHONE LINE FILTER
2. PROGRAM
   A. UTILITY FOR MINI XMOD 1.5 TERMINALPROGRAM(WESTRIDGE)